

Title (en)

SWIVEL JOINT AND SUSPENSION ARM OF A DEVICE COMPRISING SUCH SWIVEL JOINT

Title (de)

DREHGELENK UND AUFHÄNGUNGSARM EINER VORRICHTUNG MIT EINEM SOLCHEN DREHGELENK

Title (fr)

JOINT TOURNANT ET BRAS DE SUSPENSION D'UN DISPOSITIF COMPRENANT UN TEL JOINT TOURNANT

Publication

EP 4386225 A1 20240619 (EN)

Application

EP 23214844 A 20231207

Priority

IT 202200025656 A 20221215

Abstract (en)

A swivel joint (12) comprises an external cylindrical element (14) having a first external connection end (16), and an internal cylindrical element (18) having a second external connection end (20). Bearing means (22) are arranged between the external cylindrical element (14) and the internal cylindrical element (18) so as to identify a relative axis of rotation (x). A gasket (24) is arranged between the external cylindrical element (14) and the internal cylindrical element (18). The internal cylindrical element (18) protrudes in a radial direction with respect to the external cylindrical element (14) making a radial seat (26) for the gasket (24) .

IPC 8 full level

F16C 33/78 (2006.01); **F16M 11/08** (2006.01); **F16M 11/20** (2006.01)

CPC (source: EP)

F16C 19/163 (2013.01); **F16C 33/581** (2013.01); **F16C 33/586** (2013.01); **F16C 33/76** (2013.01); **F16C 33/783** (2013.01); **F16M 11/08** (2013.01); **F16M 11/2014** (2013.01)

Citation (applicant)

EP 3249250 B1 20191016 - EURO INOX QUALITY [IT]

Citation (search report)

- [XAY] CN 114017618 A 20220208 - WUXI JUXIE INTELLIGENT DRIVE TECH CO LTD
- [YD] EP 3249250 B1 20191016 - EURO INOX QUALITY [IT]
- [XI] WO 2005010382 A1 20050203 - NSK LTD [JP], et al
- [XI] US 2014361606 A1 20141211 - MOCHINAGA SHUJI [JP], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4386225 A1 20240619; IT 202200025656 A1 20240615

DOCDB simple family (application)

EP 23214844 A 20231207; IT 202200025656 A 20221215